

A. Identification and Coding Information			2. Date: October 1, 2003	7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.
1. Project Number	Agency Number	Update Code	Revised:	
033811	W-73.16	Change		
3. Project Name: Potomac WFP Improvements			5. Agency: WSSC	
4. Program: Sanitation			6. Planning Area: Bi-County	

B. Expenditure Schedule (000's)											
Cost Elements	(8) Total	(9) Thru FY '03	(10) Estimate FY '04	(11) Total 6 Years	(12) Year 1 FY '05	(13) Year 2 FY '06	(14) Year 3 FY '07	(15) Year 4 FY '08	(16) Year 5 FY '09	(17) Year 6 FY '10	(18) Beyond 6 Years
Planning, Design & Supervision	13,205	522	2,702	9,981	4,000	1,959	2,568	835	464	155	
Land											
Site Improvements & Utilities											
Construction	52,423		740	51,683	5,811	16,088	15,238	8,356	4,643	1,547	
Other	6,511		344	6,167	981	1,805	1,781	919	511	170	
Total	72,139	522	3,786	67,831	10,792	19,852	19,587	10,110	5,618	1,872	

C. Funding Schedule (000's)											
WSSC Bonds	49,775	360	2,612	46,803	7,446	13,698	13,515	6,976	3,876	1,292	
SDC	22,364	162	1,174	21,028	3,346	6,154	6,072	3,134	1,742	580	

D. Description & Justification

DESCRIPTION

This project includes preparing a program management plan, designing, and constructing rapid mix/flow splitting modifications, pumping station and ultraviolet disinfection facilities, Substation No. 1 5 kV switchgear and outdoor bus ducts replacement, Unit Substation No. 1 upgrade, replacement of MCC Nos. 1 and 4, and chemical addition and control to pipe F3, as recommended by the Potomac WFP Reliability/Water Quality Study (W-73.14). The program management plan will involve preparing 20 percent design documents for all of these improvements. This information will be used to decide how to separate the work into different construction contracts in order to efficiently satisfy the technical and economic constraints.

Service Area Bi-County Area

JUSTIFICATION

Plans & Studies

"Technical Memorandum No. 2", O'Brien & Gere Engineers, Inc. (November, 2001); "Potomac WFP Facility Plan", O'Brien & Gere Engineers, Inc. (September, 2002).

Specific Data

These projects are a part of the program of immediate improvements needed to reliably meet the projected demands from 2005 to 2020. The program management plan's recommendations will include the timing of various construction contracts needed to meet the incremental increases in demand.

Cost Change

Not Applicable.

STATUS Preliminary Design (WSSC Contract No. BF2028D97,).

OTHER

The project scope has remained the same. Expenditures shown in Block B are planning level estimates only and may increase or decrease. Upon completion of preliminary design, a more reliable estimate can be made.

COORDINATION

Montgomery County Government, Prince George's County Government, Montgomery County Department of Environmental Protection, Maryland Department of the Environment and Prince George's County Department of Environmental Resources.

NOTE This project supports 31% Growth and 69% System Improvement.

E. Annual Operating Budget Impact (000's)				FY of Impact
Program Costs	Staff		
	Other		
Facility Costs	Maintenance		
	Debt Service	4057	11
Total Costs.....		4057	11
Impact on Water or Sewer Rate.....		8¢	11

F. Approval and Expenditure Data (000's)	
Date First in Capital Program	FY 04
Date First Approved	FY 03
Initial Cost Estimate	70,247
Cost Estimate Last FY	70,247
Present Cost Estimate	72,139
Approved Request, Last FY	3,190
Total Expenditures & Encumbrances	1,731
Approval Request FY 05	10,792
Supplemental Approval Request Current FY (04)	

G. Status Information

Land Status: Not applicable
 % Project Completion: D-5%
 Est. Completion Date: FY 2010

H. Map Map Reference Code:

MAP NOT AVAILABLE

D. DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: W - 73.30

Project Name: Potomac WFP Submerged Channel Intake

COORDINATION

Montgomery County Government, Prince George's County Government, National Park Service, Montgomery County Department of Environmental Protection, Maryland Department of the Environment and Prince George's County Department of Environmental Resources.

NOTE This project supports 100% System Improvement.